

To: Technology Center: 2637
Facsimile Number: 571-273-8300

Total Pages Sent: 18

RECEIVED
CENTRAL FAX CENTER

From: Abdul Zindani
Texas Instruments Incorporated
Facsimile: 972-917-4418
Phone: 972-917-5137

AUG 17 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

TI-30916

Lior Ophir, et al.

Art Unit: 2637

Serial No.: 09/887,490

Examiner: Sam K. Ahn

Filed: June 22, 2001

Conf. No.: 7722

For: System and Method of Data Communication Using Turbo Trellis Coded Modulation
Combined With Constellation Shaping With or Without Precoding

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:


Robin E. BarnumAugust 17, 2005
Date**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input checked="" type="checkbox"/> AMENDMENT <u>116 (16 Pages)</u>
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT <u>(# Page)</u>
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL <u>(# Pages)</u>
<input type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> ISSUE FEE (# Pages)
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE) (# Pages)
<input type="checkbox"/> CONTINUATION APP'N (# Pages)	<input checked="" type="checkbox"/> Amt Fee TL (1 page)
<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): Lior Ophir, et al.	
RECEIPT DATE & SERIAL NO.: Serial No.: 09/887,490 Filing Date: June 22, 2001	
TITLE OF INVENTION: System and Method of Data Communication Using Turbo Trellis Coded Modulation Combined With Constellation Shaping With or Without Precoding	
TI FILE NO.: TI-30916	DEPOSIT ACCT. NO.: 20-0668
FAXED: 8/17/05 DUE: 8/27/05 ATTY/SEC'Y: ARZ/rdb	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

RECEIVED
CENTRAL FAX CENTER

AUG 17 2005

TI-30916

Attorney Docket No.

U.S. PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL FORM

In re the Application of

Lior Ophir, et al.

Serial No: 09/887,490

Filed: June 22, 2001

For: System and Method of Data Communication Using Turbo Trellis Coded Modulation Combined With Constellation Shaping With or Without Precoding

Conf. No.: 7722

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	48	Minus	48	= 0	x \$50 =	\$ 00.00
Independent Claims	4	Minus	3	= 1	x \$200 =	\$ 200.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 200.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668.



Abdul Zindani
Attorney for Applicant
Reg. No. 46,091

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-5137

Response Under 37 CFR 1.116
Expedited Procedure - Examining Group 2637

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED
CENTRAL FAX CENTER**

AUG 17 2005

In re the Application of: Lior Ophir, et al. **Attorney Docket No.:** TI-30916
Serial No: 09/887,490 **Filed:** June 22, 2001
Art Unit: 2637 **Examiner:** Sam K. Ahn
Conf. No.: 7722
Title: System and Method of Data Communication Using Turbo Trellis
Coded Modulation Combined With Constellation Shaping With or
Without Precoding

CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile
transmitted to the Patent and Trademark Office on August 17, 2005.


Robin E. Barnum

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 CFR 1.116

Dear Sir:

This amendment is in response to the Office Action dated June 27, 2005, having a statutory
period for response set to expire on August 27, 2005.

Amendments to Claims begin on page 2.**Remarks/Arguments begin on page 16.**

08/18/2005 MBINAS 00000017 200660 090807490
01 FC:1201 200.00 DA

TI-30916 - 1 -